

**HUNTERS POINT SHIPYARD  
TIME-CRITICAL LANDFILL GAS REMOVAL ACTION**

**EXTRACTION, MONITORING AND MAINTENANCE  
WEEKLY SUMMARY REPORT**

Monitoring Period: November 16 through November 22, 2002

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- Continued to actively extract gas and to conduct monitoring daily at extraction well EX10. Stopped extraction on 11/20/02 at 10:55 because methane concentration was 0.0% (below 2.5% intermediate goal) and extraction had occurred for greater than 5 days. See attached monitoring graph.
- Began second round of extraction. Began extraction unit #1 on extraction well EX1 on 11/18/02 at 11:14. Initial methane concentration was 0.8%. Collected summa canister samples at the influent and effluent for laboratory analysis by EPA method TO-14A. Will monitor methane concentrations in well and UCSF GMPs to achieve planned goals prior to relocating. See attached monitoring graph.
- Began extraction unit #2 on extraction well EX2 on 11/21/02 at 9:39. Initial methane concentration was 0.1%. Collected summa canister samples at the influent and effluent for laboratory analysis by EPA method TO-14A. Will monitor methane concentrations in well and UCSF GMPs to achieve planned goals prior to relocating. See attached monitoring graph.
- Conducted weekly monitoring of all extraction wells not included in the daily monitoring program. See attached monitoring graph.
- Conducted weekly monitoring of passive vents #1 through #4. No breakthrough has occurred. No readings were recorded for methane or volatiles as part of fugitive emissions inspections at the connections, valves, and piping. See attached monitoring graph.
- Checked extraction unit connections, valves, and piping using field instruments for fugitive emissions as part of the maintenance requirements. No detections were recorded for methane or volatiles.
- Monitored daily for breakthrough of volatile compounds at the effluent sample ports on the carbon and hydrosil drums. No breakthrough has occurred.